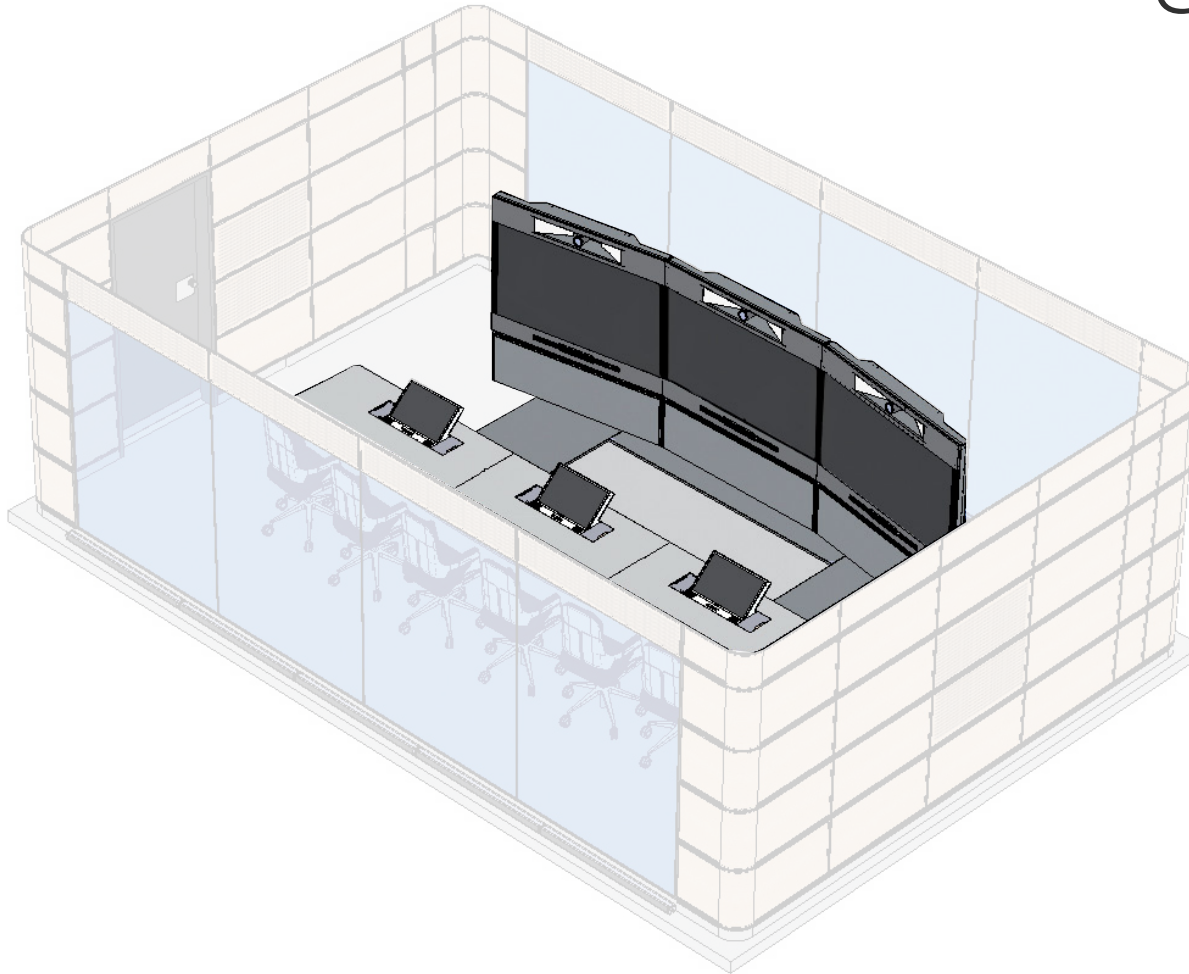


Telepresence T3 System Assembly Guide



What's in this document?

Related documents	3
Tools needed	3
Where will the different units reside when everything is assembled?.....	4
Bottom modules & monitors.....	5
Leveling the systems.....	9
Table columns installation	9
Table Top Module.....	10
Power outlets in cable wells.....	11
Cameras and codecs	12
Splitter bracket	12
TCU, Splitter and Switch	13
System connections.....	14
Where to put cable bundling kits A & 1–3	15
Details of cable bundling kits A & 1–3	16
Where to put cable bundling kits 4–8	17
Details of cable bundling kits 4–8	18
Where to put cable bundling kits 9–11	19
Details of cable bundling kits 9–11	20
Where to put cable bundling kits 12–21	21
Details of cable bundling kits 12–16.....	22
Details of cable bundling kits 17–21	23
Presentation monitors and cable wells.....	24
Lids and cover plates	25
Optional pockets for cleaning kit and docs	26

The objective of this documentation is to provide the reader with assistance in using and configuring the product. The specifications for the product and the information in this Guide are subject to change at any time, without notice, by Cisco. Every effort has been made to supply complete and accurate information in this Guide; however, Cisco assumes no responsibility or liability for any errors or inaccuracies that may appear in this document.

All trademarks used in this document are the property of their respective holders.

This Guide may be reproduced in its entirety, including all copyright and intellectual property notices, in limited quantities in connection with the use of this product. Except for the limited exception set forth in the previous sentence, no part of this Guide may be reproduced, stored in a retrieval system, or transmitted, in any form, or by any means, electronically, mechanically, by photocopying, or otherwise, without the prior written permission of Cisco.

www.cisco.com

© 2010–2011 Cisco Inc.

Related documents

The following documents are also available:

- T3 Room Recommendations Guide 119076
- Maintenance Guide: 78-19801
- Cable Schematics: 78-19798
- Room Installation Guide: 78-19802
- Quick User Reference Guide: 78-19804
- Document Camera Assembly Guide: 78-19800
- Ceiling Lights Assembly Guide: 78-19799

With the exception of the Room Recommendations Guide all of these documents are supplied with the Systems they describe. Should you nevertheless need any of these documents, contact your Cisco partner.

What has changed?

General:

- The removal of the splitter in the left system bottom module has caused changes in the cabling structure descriptions. This is reflected in revised cable structure drawings and corresponding tables.
- The presentation monitor assembly installation procedure has been changed in this version.
- Revised description of bottom module assembly procedure. Recommended sequence is to start with the innermost (the right) module—as viewed from the recommended door location. It used to be the left module.
- Ceiling light assembly is now moved to a separate document.
- Document camera installation is now a separate document

Additions, changes and updates

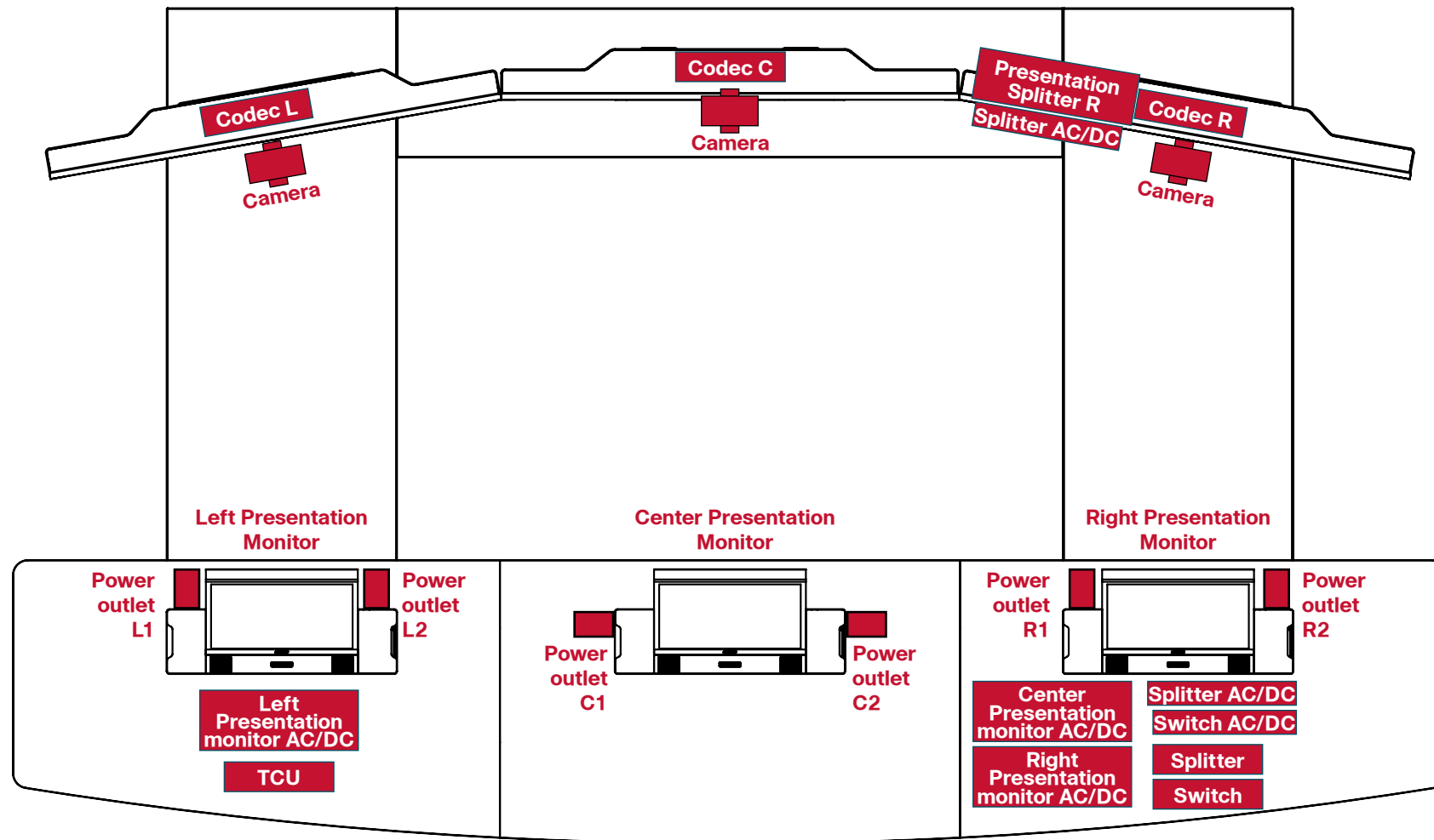
- Illustrations showing the need for keeping the distance between the table and the rear wall at 130 cm.
- Fastening the left bottom module.
- Drawing describing splitter bracket mounting in right bottom module.
- Drawing showing revised floor cabling structure.
- Drawings showing monitors when mounting now shows monitors without grilles attached.
- Drawing showing revised system cabling structure.
- Drawing showing how the TCU is mounted in left table column.
- Drawing showing revised table cabling structure.
- Description of the presentation monitor assembly installation.
- Fire enclosure for document camera associated equipment.
- Drawing showing document camera location.
- Change in the document camera cabling.
- Description of document camera installation.
- Trip lists are now an integral part of the cover plates and need no mounting description.
- Drawing of the cover plates.

Tools needed

You will need the following tools and equipment when assembling the system:

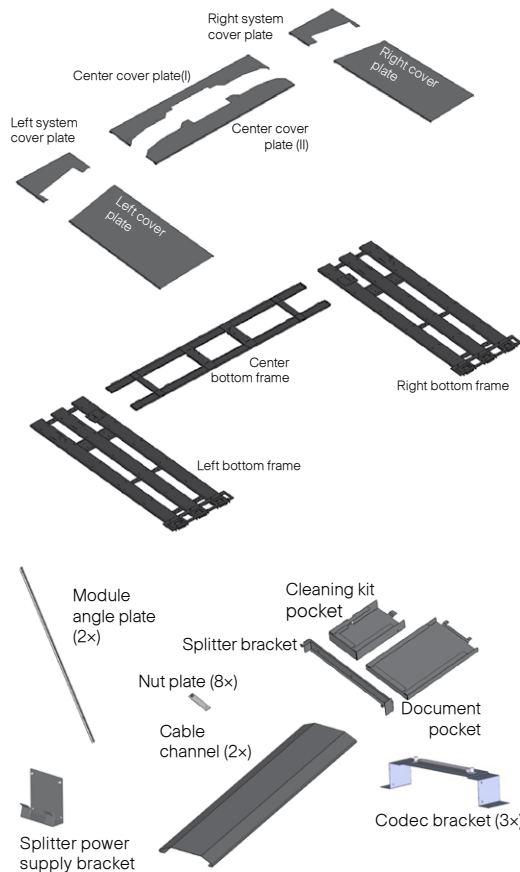
- **Spirit Level** (bubble level) for light installation and monitor levelling.
- **13 mm open end/box wrench** to fasten bottom module to steel structure, columns to steel structure, table to columns.
- **10 mm open end wrench** to fasten floor structure center to left/right, adjusting table top tighteners, codec brackets to bottom module, adjusting TCU, Splitter, Switch and Power brackets, cleaning kit and doc pockets, fasten center cover plates.
- **1/4" ratchet wrench**
- **1/4" socket extension**
- **13 mm deep socket** to fasten table column to steel structure and to fasten the table.
- **10 mm socket** to fasten splitter to bottom module, adjust center door bottom module and fasten table to columns.
- **7 mm socket** to dismount screws in bottom module and monitors (preparing for angle plate between screens).
- **5 mm Allen bit** for height adjustment of monitor systems.
- **4 mm Allen bit** to removing cable hatches in bottom module, fasten center cover plates.
- **3 mm Allen bit** to mount angle plate between screens.
- **2.5 mm Allen bit** to dismount screws in bottom module and monitors (preparing for angle plate between screens)and dismount/mount column covers.
- **2 mm Allen wrench** for cable clamps in cable wells.
- **Torx T10** to fasten codec brackets to codecs, fasten cleaning kit and doc pockets.
- **Torx T20** to fasten power outlet brackets in cable wells.
- **Portable drill**
- **Hammer** for cable wells power outlets (if installation is to be done).
- **Blade screwdriver** for cable wells power outlets (if installation is to be done).
- **1/4" deep socket** to fasten cable wells power outlets to the brackets (if installation is to be done).

Where will the different units reside when everything is assembled?



Bottom modules & monitors

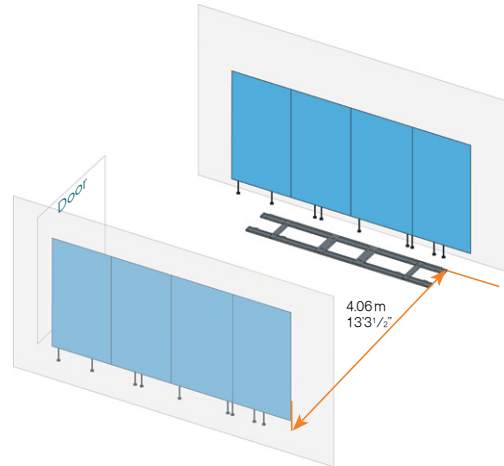
Unpack the box marked "T3 Floor structure and columns". The box contains the parts shown below. Items are not shown to scale.



In addition the box contains the two table columns (not shown). These shall be installed later. Put them aside right now.

Do as follows:

1. Begin by placing the center bottom frame centered on the floor, approximately 4.2 m (13' 9") from the rear (white) wall. The distance between the white and the blue wall is 140 mm (5½"). Observe the 130 cm requirement (see the below right sidebar).



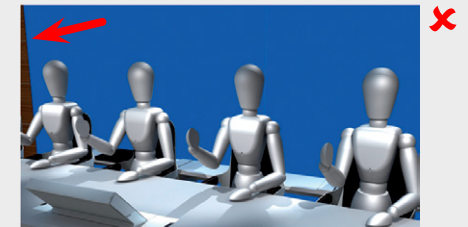
2. Unpack the bag containing screws, nuts and plates, located in the Accessories box. Contents should be as shown on the next page.

Note! The system has been designed for rooms with entrance door opening outwards. Should you for any reason be unable to fulfill this requirement, make sure you position the system so that it will not block the door from opening completely.

Note! The distance between the table and the rear wall of the room should not exceed 130 cm (4' 3") as this will affect the perceived immersive room quality (the other side should see nothing but blue walls, avoiding any sidewalls coming into view):



a) Distance to rear wall is 130 cm (4' 3")

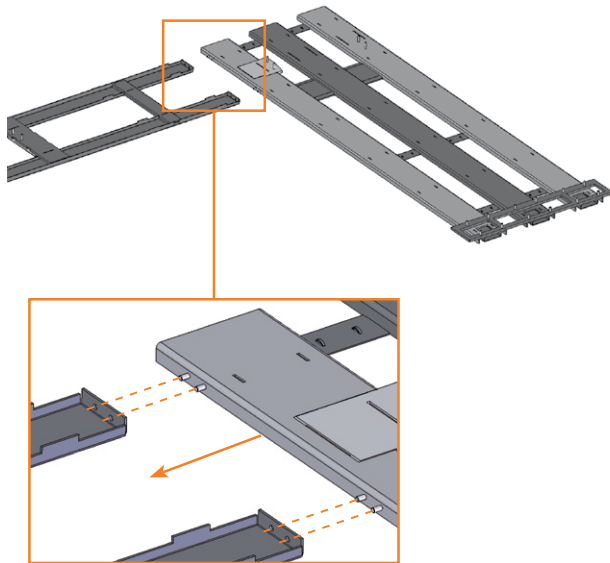


b) Distance has been increased to 155 cm (5')



c) Distance has been increased to 180 cm (6')

3. Then place the right bottom frame on the right side of the center bottom frame. Fasten with 4 nuts type M6. Repeat for left side.

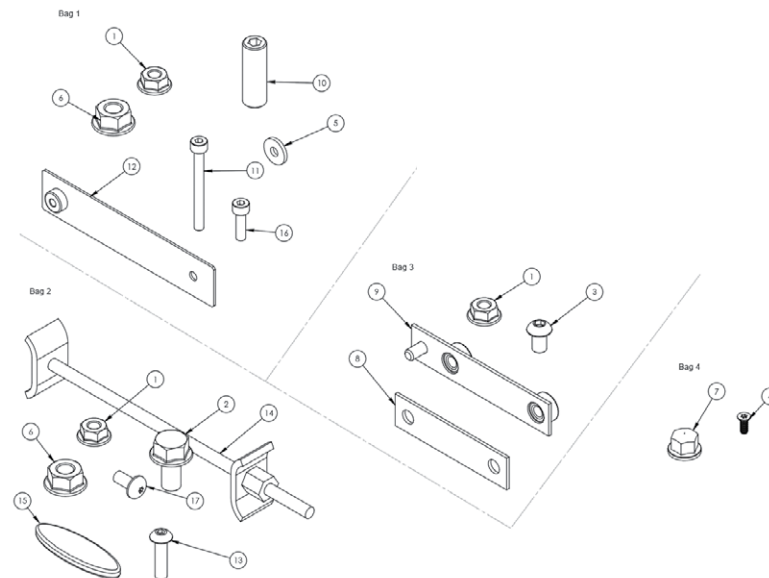


4. Make sure that the distance to the wall is constant. If necessary, mark the position with a piece of tape or similar.

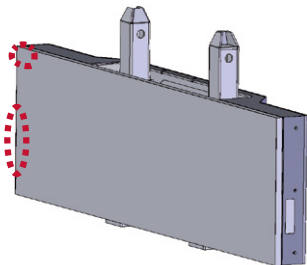


The screws, nuts and plates

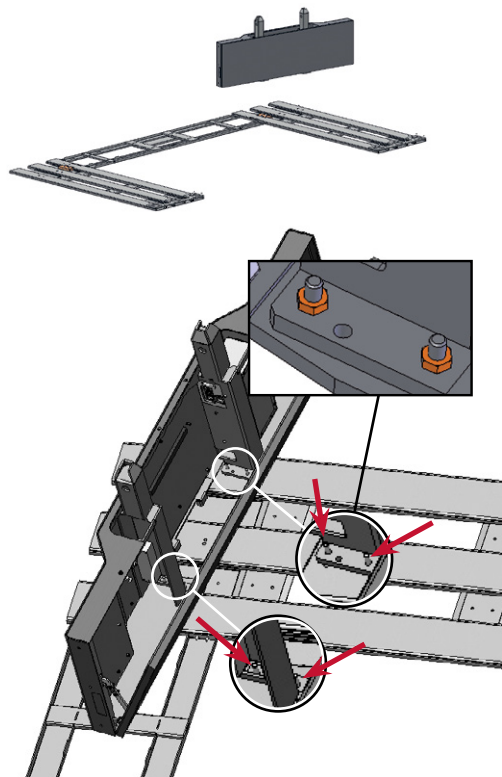
Item	Number	Description	Where used	Bag1	Bag2	Bag3	Bag4	Spares
1	111566	Nut M6 DIN6923 Black	Floor frames 8x, Table top to Columns 32x	8	32	2	-	2
2	112739	Screw M8x16 DIN6921 Black	Table to Columns	-	10	-	-	2
3	114886	Screw M6x10 ISO7380 Black ZnNi	Coverplates floor	-	-	6	-	1
4	114890	Screw M3x8 DIN965 T10 Black ZnNi	A4-pocket to Cleaning shelf	-	-	-	1	1
5	120957	Washer d4,3 D12 t=1,6 DIN7349 Black ZnNi	Module angle bars	4	-	-	-	1
6	116419	Nut M8 DIN6923 Black	Bottom modules to floor 12x, Columns to floor 24x, Table to Columns 4x	12	28	-	-	2
7	117305	Nut M6 Flange and Cap Custom	Split bracket, Codec brackets	-	-	-	16	1
8	118325	Shims-plate cover-connection	Coverplates floor	-	-	2	-	-
9	118326	Joining-plate with guide-pin cover-connection	Coverplates floor	-	-	2	-	-
10	118841	Screw M10x30 (Setscrew) DIN 913	Level bottom modules	12	-	-	-	2
11	118901	Screw M4x40 DIN 912 Black	Module angle bars bottom	4	-	-	-	1
12	119032	Nut plate for angle Plate	Joint's between P65-modules	8	-	-	-	-
13	119258	Screw M5x20 ISO 7380	23" monitor in table	-	6	-	-	1
14	119568	Table tightener	Joining C-L-R tabletops	-	4	-	-	-
15	120774	Lamell Jyderup size 0 - 4x15x47mm	Joining C-L-R tabletops	-	10	-	-	1
16	120956	Screw M4x14 DIN 912 Black	Module angle bar top	4	-	-	-	1
17	115519	Screw M5x10 DIN7985	Power outlets in wells	-	10	-	-	1



5. Unpack the first system and take out the bottom module. Unscrew the top screw on the **left** side in addition to the cable hatch cover.

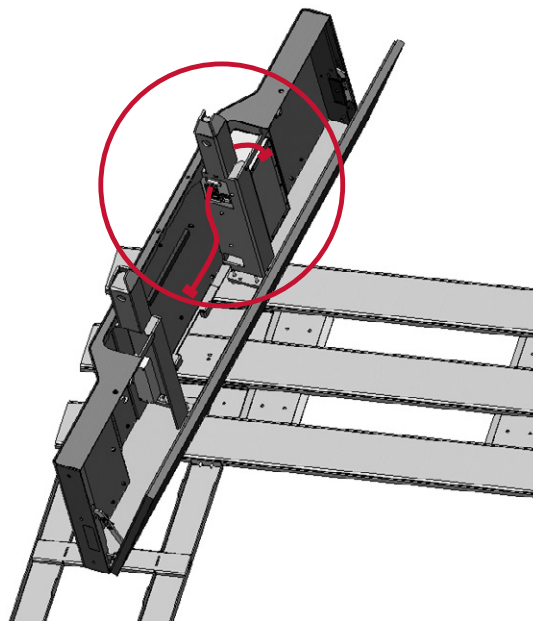


6. Attach the module to the floor structure—making it become the right bottom module—by means of 4 nuts type M8, as shown.



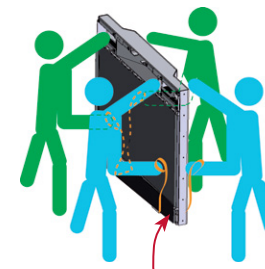
7. Insert the right DNAM cable 117856 and attach it to the right DNAM module, as shown. This must be done **before** the monitor is mounted onto the bottom module. Once the monitor is mounted, cable insertion will become very difficult.

The DNAM cable 117856 is located in the accessories kit.

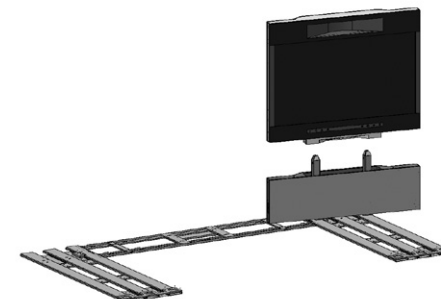


8. Unpack the monitor assembly and lift it onto the bottom module. It requires a minimum of four persons to lift the assembly, using the attached straps and gloves. Local codes may require more persons.

Caution! Make sure you hold the monitor level, otherwise one of the straps may slip.



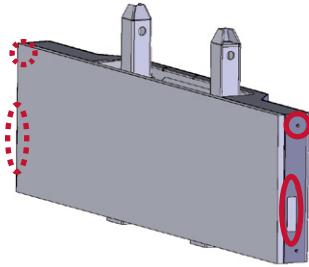
Caution! Make sure the grilles have not been mounted when you do this!



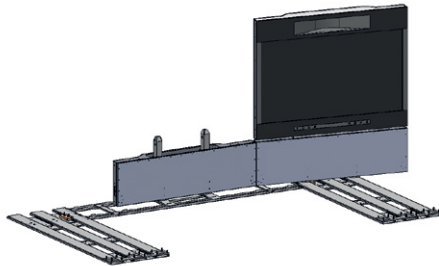
9. Remove the screw on the monitor, as shown.



10. Unpack the next bottom module. Unscrew the top screw and the cable hatch cover on **both** sides of the module.



11. Mount the center bottom module onto the floor structure.



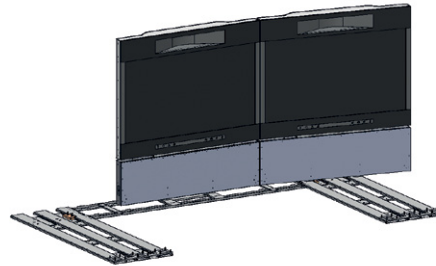
12. Insert the center DNAM cable 117852 and attach it to the center DNAM module in a way similar to what was done to the right bottom module. This must be done **before** the monitor is mounted onto the bottom module. Once the monitor is mounted, cable insertion will become very difficult.

The DNAM cable 117852 is located in the accessories kit.

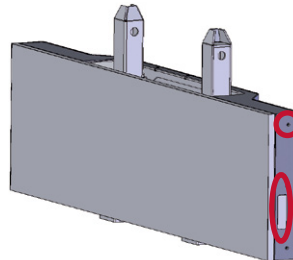
13. Unpack the next monitor assembly and remove the top side screw on **both** sides of the monitor.



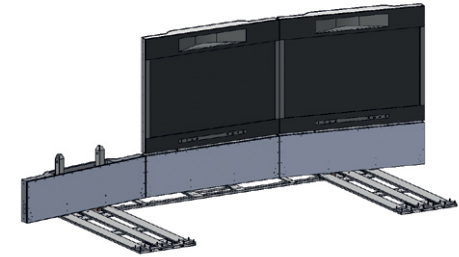
14. Mount the center monitor onto the center bottom module.



15. Unpack the third bottom module. Unscrew the top screw and the cable hatch cover on the right side of the module.



16. Mount the left bottom module onto the floor structure.



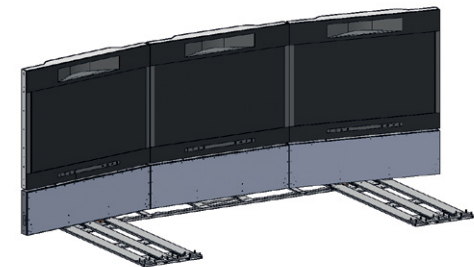
17. Insert the left DNAM cable 117850 and attach it to the left DNAM module in a way similar to what was done to the center and right bottom modules. This must be done **before** the monitor is mounted onto the bottom module. Once the monitor is mounted, cable insertion will become very difficult.

The DNAM cable 117850 is located in the Accessories kit.

18. Unpack the final monitor assembly and remove the top side screw on right side of the monitor.

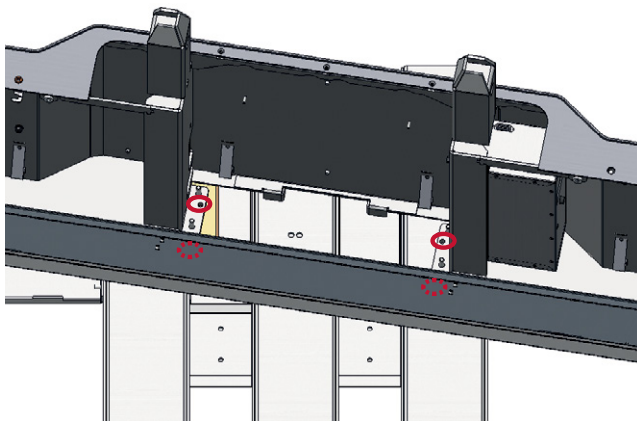


19. Mount the left monitor onto the left bottom module.



Leveling the systems

1. In order to level the systems, use 4 pcs of the M10×30 screw in the holes marked in the picture below for each bottom module. Loosen nuts before adjusting the pin bolts down. When proper adjustment has been done, tighten nuts again. You may want to open the lid completely when doing this—observe the tip on page 15.



2. Unpack the 2 angle plates and the 8 nut plate for angle plates from the box marked "T3 Floor structure and columns". Fasten with M4×14 screws through the holes on top side on the monitors and with M4×40 screws and washers through the holes of the bottom modules. Use the short screw at the monitor top and the long screw at the bottom module top. Use the shims plates inside the angle plate. Note that the top cover and the door must be opened in order to do so.

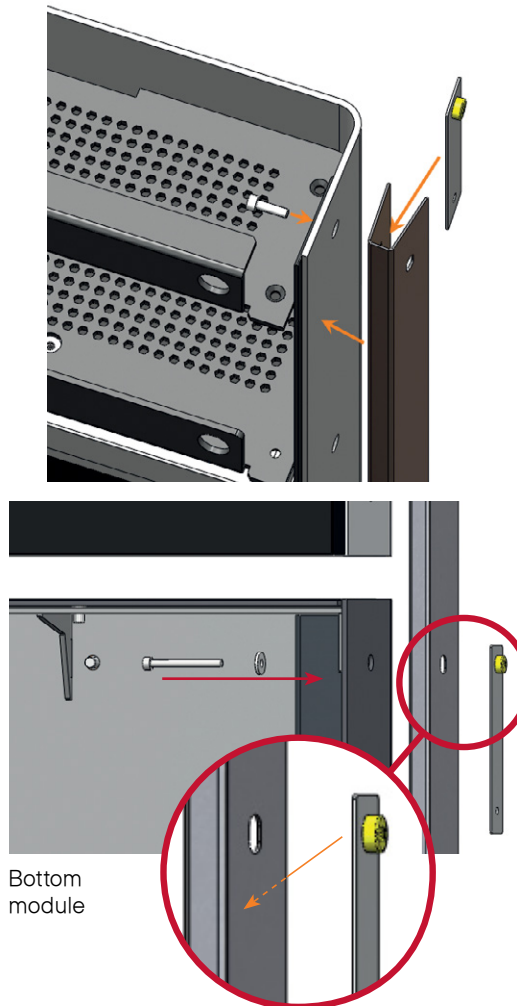
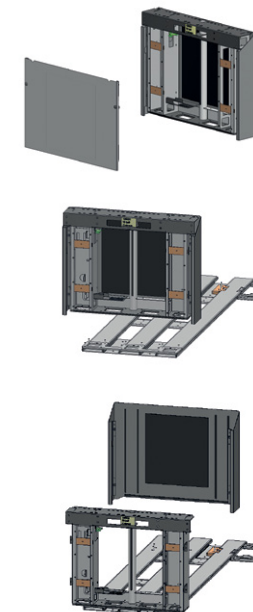


Table columns installation

1. Remove the door of the table column while the column is still in the box. Then take the column out of the box. Remove the cover as shown below. The column covers and the doors shall not be mounted yet, so we recommend that you put them in a place where they will not become subject to damage.

The columns are not identical, place the one marked *left* to the left and the one marked *right* to the right. See the following page for a definition of left and right.

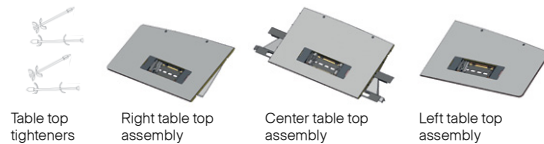


2. Mount the columns using 12 × nut M8 (Captive washer nut) for each column (24 altogether).

Keys for the door locks can be found in the protective foam in the table column box.

Table Top Module

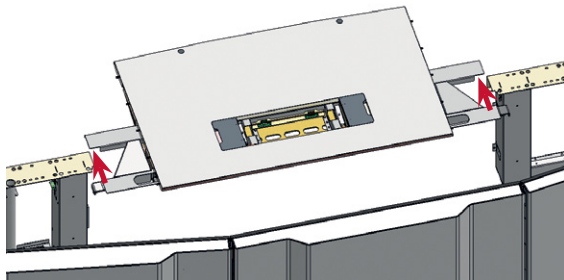
Carefully unpack the box labeled "T3 Table Top", where you will find the left-, center- and right table top assemblies.



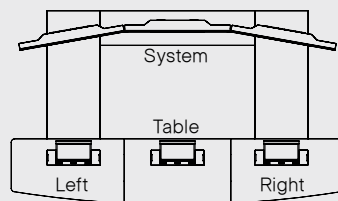
You will also need the table top tighteners (left). There are four altogether. These are located in the kit of screws.

Do as follows:

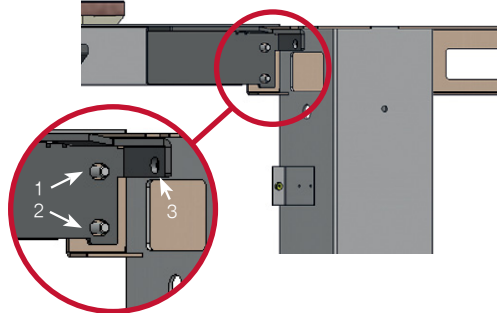
1. Slide the center table top assembly into both columns.



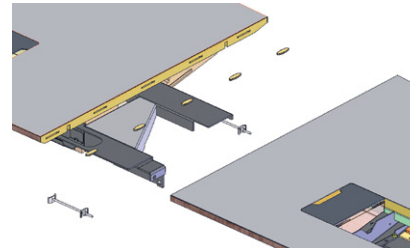
Overview



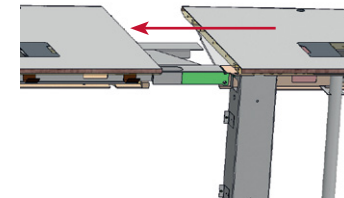
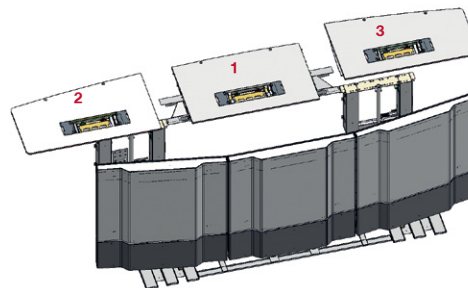
2. Fasten two nuts (M8) and one screw M8×16 in each joint of the table tops. Start by fastening the nuts pointing towards the system (1 & 2). Then fasten the other screws (3). Screw finger tight only.



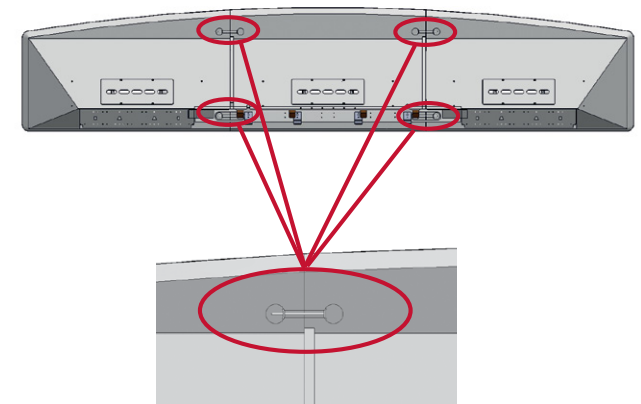
3. When assembling the table, you will need the 120774 Lamells and the table top tighteners, as shown.



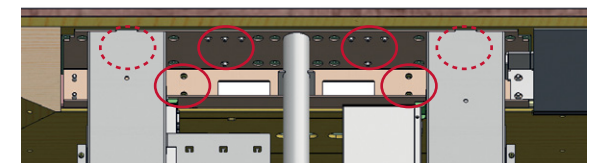
4. Tilt the center table top assembly (1) by lifting the "chair-side" of it slightly (<5°) and slide the right table (2) top so that the steel profile holds them together.



5. Repeat for the other table top module (3).
6. Adjust the table modules slightly, if needed, to obtain the best fit, then apply the four table top tighteners, as shown.



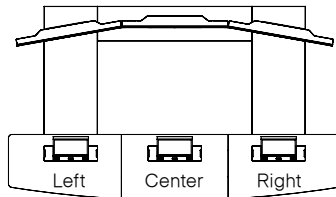
7. Fasten using 16 pcs M6 nut and 4 pcs M8×16 screws, as indicated by the circles below. Tighten all screws and nuts.



Power outlets in cable wells

You may install power outlets for personal computers in the cable wells. The exact look of the power outlet socket itself will be country-specific, but this will not affect the installation procedure. The socket comes with the cable installed.

Note! The power outlet sockets installation procedure for the center monitor cable wells is not identical to that of the right and left monitor wells.

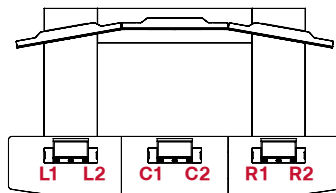


The power outlet kits are located in 6 boxes in the Telepresence kit.

Follow the procedure outlined to the right. The cables shall be connected to the power distribution units as shown in the document "78-20195-01 T3 Cable Schematics", which comes with the system.

Note! The power outlets in L2, C1, C2 and R2 will need extension cables.

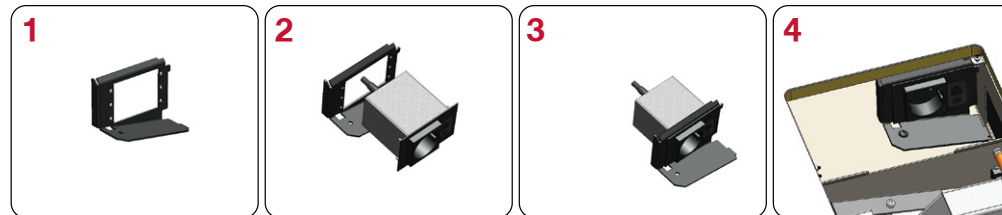
Power outlet in L2 will use extension cable 129627 (kit 12)
 Power outlet in C1 will use extension cable 129628 (kit 13)
 Power outlet in C2 will use extension cable 129629 (kit 16)
 Power outlet in R2 will use extension cable 129630 (kit 17)



Left and right monitor cable wells



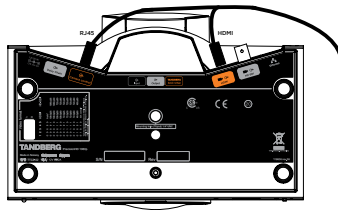
Center monitor cable wells



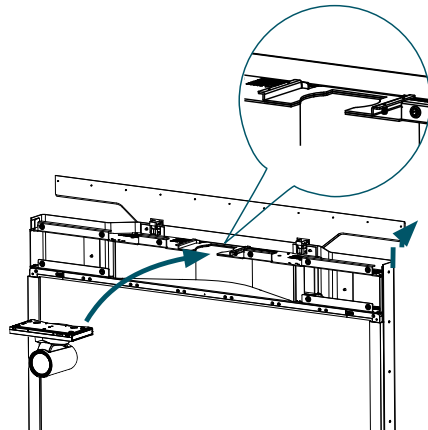
Cameras and codecs

Do as follows:

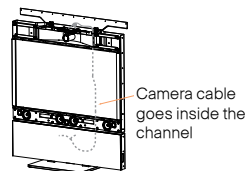
1. Open the top cover.
2. Locate the camera cable.
3. Hold the camera upside down.
4. Connect the HDMI and RJ45 connectors of the camera cable.



5. Carefully put the camera in place, then push the cable down the channel while doing this.



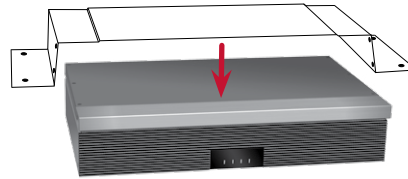
6. Locate the other end of the camera cable mounted to the monitor. Remove the cable clamps designed to fasten the cable inside the bottom module.



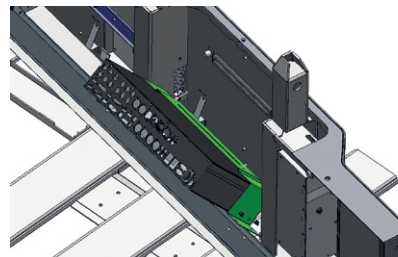
7. Put cable clamps back in once all cabling has been completed.
8. Repeat for the other two cameras.
9. Detach two screws on each side of the codec, as shown.



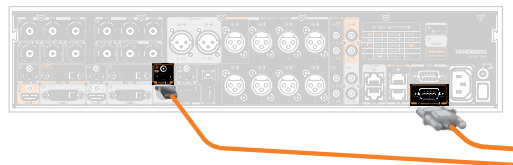
10. Mount the bracket onto the codec and screw the screws back in. The bracket can be found in the Telepresence kit.



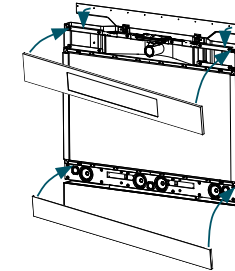
11. Use four M6 (Bag 4) nuts to attach the codec and the bracket to the inside of the bottom module lid.



12. Repeat for the other two codecs.
13. Connect the camera cables to the codecs as shown.



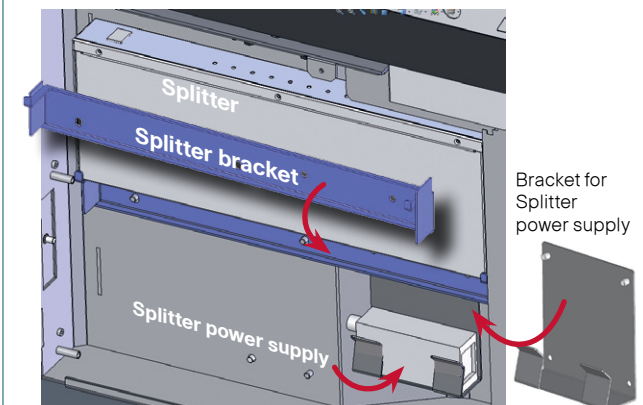
14. Shut the top cover and attach the cover and the loudspeaker grill as shown. Make sure all snaps and magnet points are securely fixed. Repeat for the two other cameras.



Flickering image? Some countries use a line frequency of 50Hz, while others use 60Hz. Default camera setting is for 50Hz, which will cause the image to flicker in 60Hz regions. To rectify this, set the DIP switches to 1080p60 when used in countries with 60Hz line frequency—see the table on the camera's underside.

Splitter bracket

Fasten the splitter bracket in the right bottom module using 2× M6 flange nuts. Then place the HDMI splitter onto the bracket—connectors pointing downwards with the power switch to the left. Use two M6 nuts to fasten the power supply bracket and insert the power supply in the bracket just below the splitter, as shown.

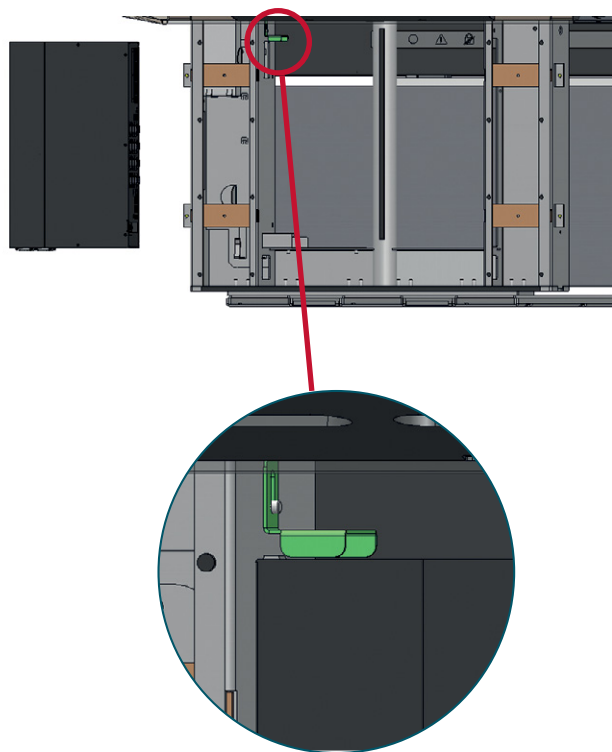


TCU, Splitter and Switch

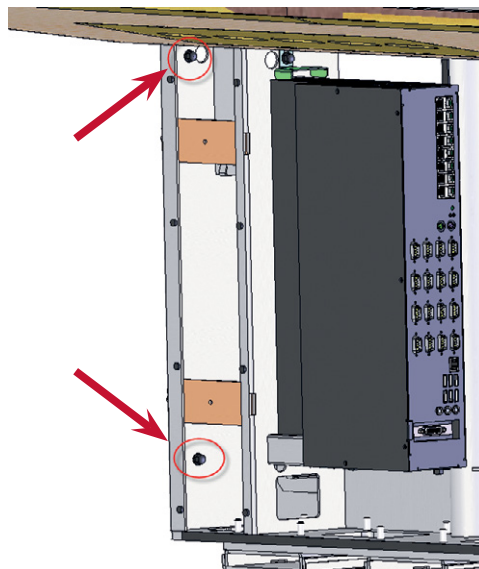
Do as follows:

1. The Telepresence Control Unit (TCU) is to be inserted in the left table column. Unscrew the nut holding the bracket (outer bracket shown in green in the below Fig.) in the left column.

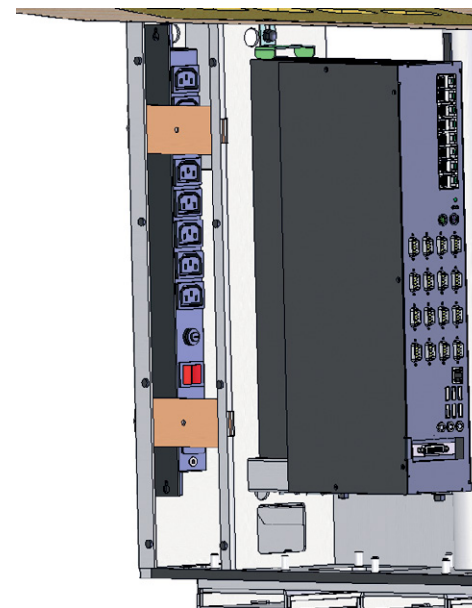
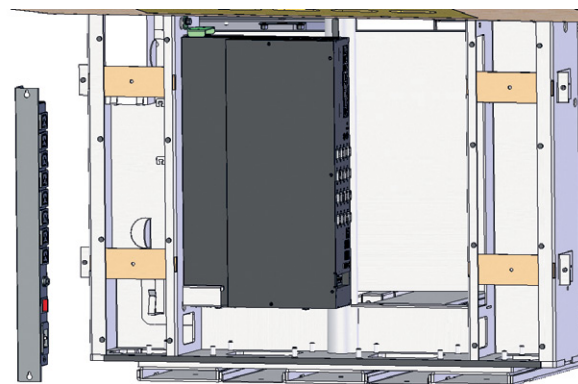
The TCU runs off line voltage directly and needs no further external power supply.



2. Find the TCU in the box marked "T3 Telepresence kit" and fasten the TCU to the left column, using the bracket and the same nut as were just loosened.
3. Now, loosen the two nuts shown.

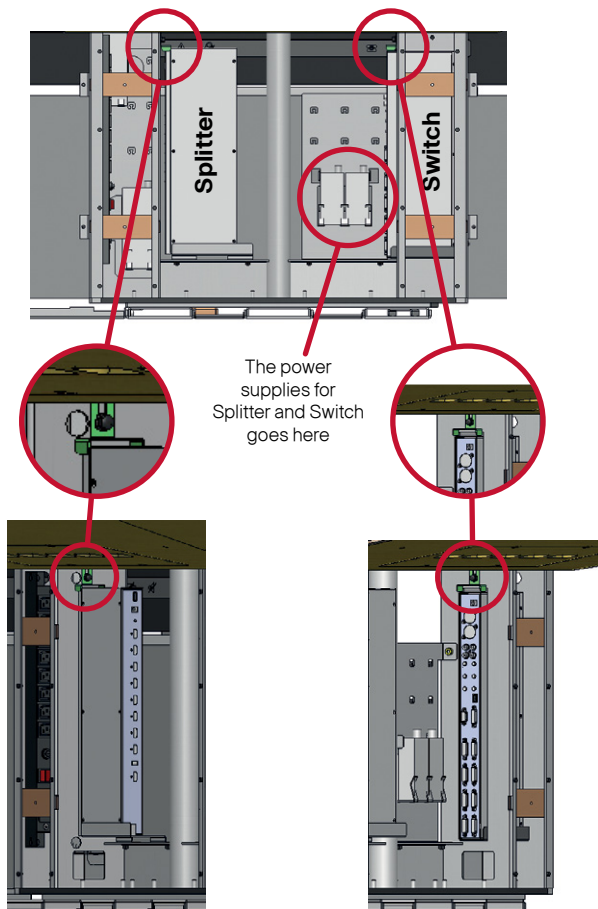


4. Install the power distribution block, put the nuts back and fasten them.



Note! The splitter cable for the TCU found in the kit must be put aside for later use. See “Details of cable bundling kits 17–21” on page 13 for more when and where to use it.

5. Unscrew the nuts holding the bracket in the right column. Turn on the Presentation input switch and the Splitter power switch before mounting. Fasten switch and splitter in the same manner as the TCU was fastened. Note the orientation of both units (shown below) Fasten the two power supplies as shown below.



System connections

To connect the different parts of the system, a set of *ready-to-use* cable bundling kits come with the system. The following pages outline where to put each cable kit.

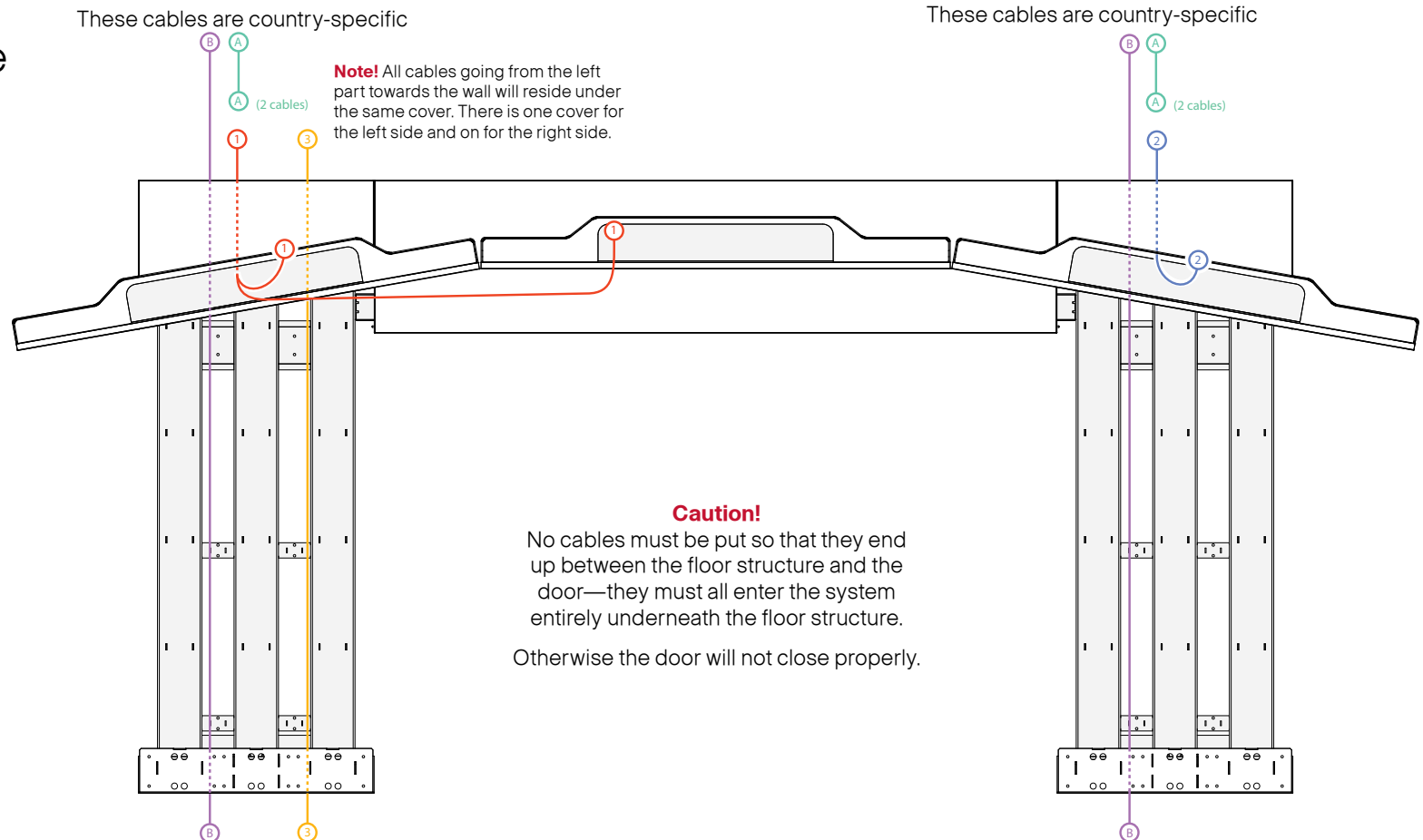
Details on the connections are found in the Cabling Schematics drawing, which is located in the Cable Bundling kit box.

Use the information on the following pages in combination with the Cable Schematics drawing to insert, attach and connect all cables correctly.

Note! Some cables come with a color coding. For these cables **blue** is system end and **red** is table end.

Note! Cable clamps inside bottom modules should be put back in place once all cabling has been completed.

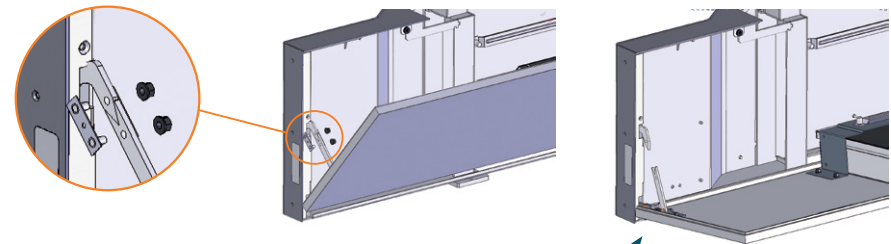
Where to put cable bundling kits A & 1–3



Tip!

When cabling and levelling the system you may want to fully open the centre bottom module lid. Note that you may either open the center module lid or both the left & right module lids fully at a time. All three lids cannot stay fully opened simultaneously.

Caution! If you choose to fully open any of the lids, make sure you put a soft cloth or similar underneath the lid to avoid scratches.



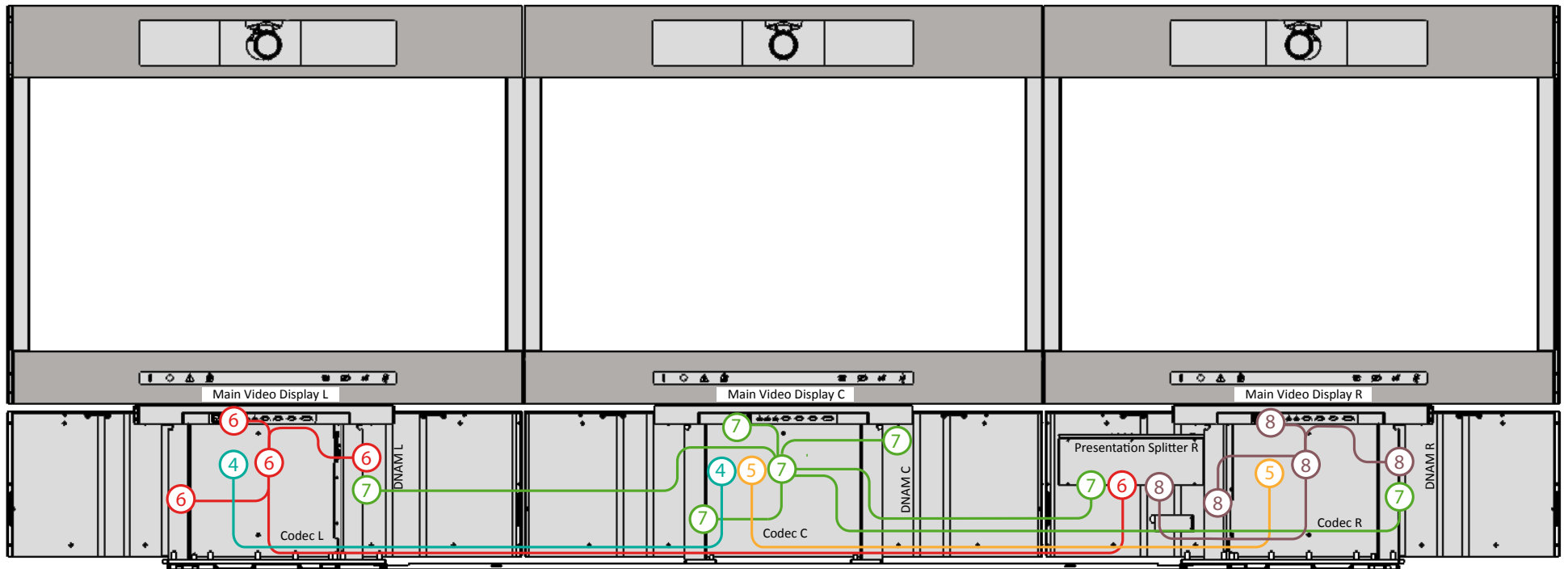
Details of cable bundling kits A & 1–3

Drawing reference	Art.no	Bundling description	From / to device
A	118610	Powercable kit	Country specific extension cords
B	121544	T3 PDU Cable kit	Country specific extension cords to PDU
1	117915	Cable Power Male – Female 1.0m w/marking	Wall – Power Distribution Block Module Left
	117916	Cable Power Male – Female 2.3m w/marking	Wall – Power Distribution Block Module Center
2	117909	Cable Power Male – Female 1.0m w/marking	Wall – AC/DC for Presentation Splitter Right
	117917	Cable Power Male – Female 1.0m w/marking	Wall – Power Distribution Block Module Right
3	117875	Cable RJ45 – RJ45 4.8 m w/marking	Videonet/IP – Telepresence Control Unit
	117880	Cable RJ45 – RJ45 4.8 m w/marking	Videonet – Telepresence Control Unit

Note! Some cables come with a color coding. For these cables **blue** is system end and **red** is table end.

Where to put cable bundling kits 4–8

Note! Pull the cables from the bottom modules gently to tighten everything, so that any excess cable lengths get collected in the table columns and nowhere else.

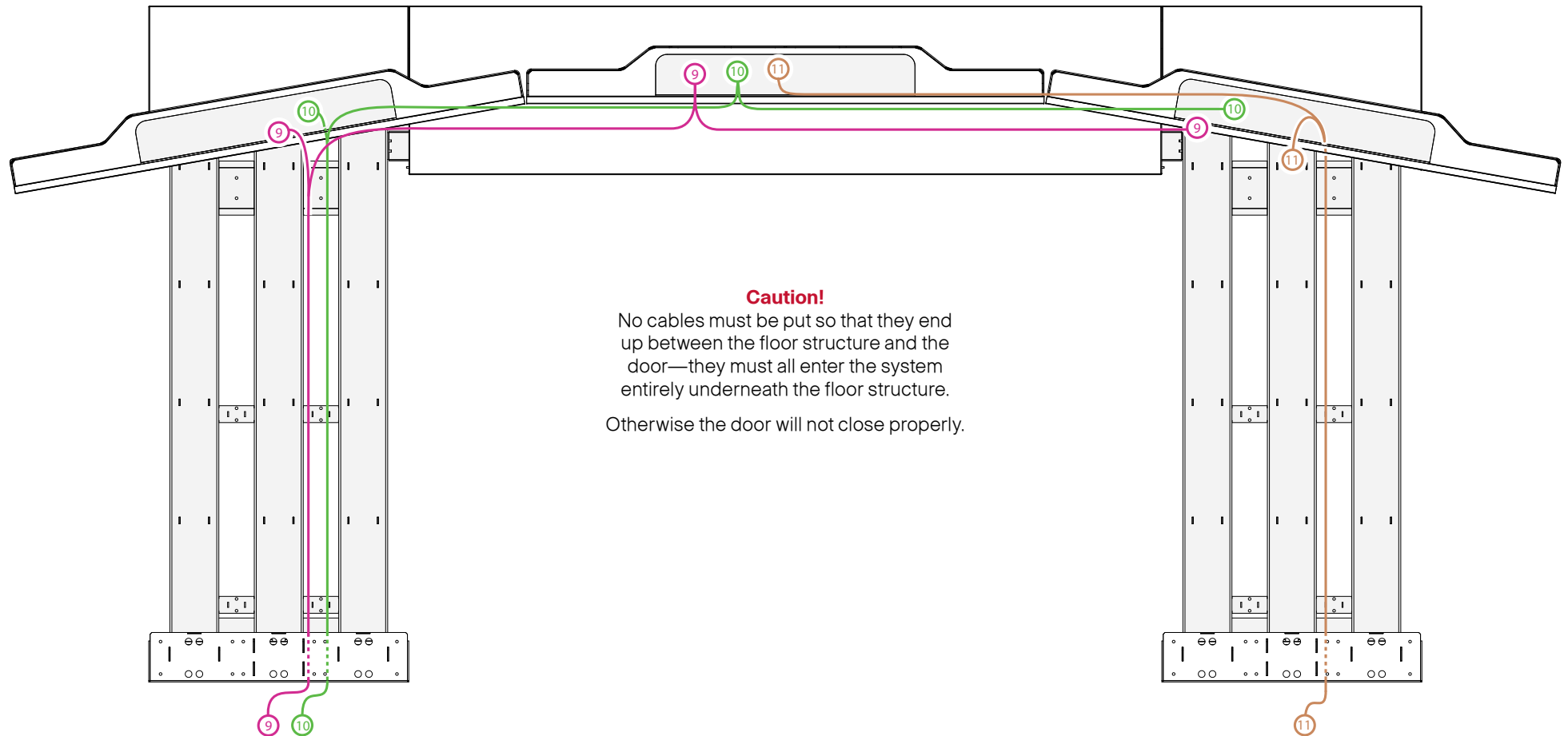


Details of cable bundling kits 4–8

Drawing reference	Art.no	Bundling description	From / to device
4	117831	Cable HDMI - DVI-D 2,45 m w/markig	Codec L - Codec C
	117833	Cable HDMI - HDMI 2,5 m w/markig	Codec L - Codec C
	117836	Cable RCA - RCA 2,5 m w/markig	Codec L - Codec C
	117838	Cable RCA - RCA 2,5 m w/markig	Codec L - Codec C
	117842	Cable HDMI - HDMI 2,35 m w/markig	Codec L - Codec C
	118592	Cable RJ45 - RJ45 2,45 m w/markig	Codec L - Codec C
5	117834	Cable HDMI - HDMI 2,5 m w/markig	Codec R - Codec C
	117835	Cable HDMI - HDMI 2,5 m w/markig	Codec R - Codec C
	117837	Cable RCA - RCA 2,5 m w/markig	Codec R - Codec C
	117839	Cable RCA - RCA 2,5 m w/markig	Codec R - Codec C
	117843	Cable HDMI - HDMI 2,5 m w/markig	Codec R - Codec C
	118591	Cable RJ45 - RJ45 2,45 m w/markig	Codec R - Codec C
6	117860	Cable HDMI - HDMI 3,2 m w/markig	Codec L - Presentation Splitter Right
	129485	Cable Power Male - Female 0,5m w/markig	Power Distribution Block Module Left - Main Video Display L
	129486	Cable Power Male - Female 0,8m w/markig	Power Distribution Block Module Left - Codec L
	129487	Cable Power Male - Female 0,6m w/markig	Power Distribution Block Module Left - DNAM L
	129612	Cable DVI-D - HDMI cable 1,0 m w/markig	Codec L - Main Video Display L
7	117841	Cable DVI-D - HDMI 1,65 m w/markig	Codec C - Presentation Splitter Right
	117854	Cable RCA - Split 2,5m w/markig	Codec C - DNAM L/R
	129485	Cable Power Male - Female 0,5m w/markig	Power Distribution Block Module Center - Main Video Display C
	129486	Cable Power Male - Female 0,8m w/markig	Power Distribution Block Module Center - Codec C
	129487	Cable Power Male - Female 0,6m w/markig	Power Distribution Block Module Center - DNAM C
	129612	Cable DVI-D - HDMI cable 1,0 m w/markig	Codec C - Main Video Display C
	129613	Cable RCA - RCA 0,76 m w/markig	Codec C - DNAM C
8	117858	Cable HDMI - HDMI 1,1 m w/markig	Codec R - Presentation Splitter Right
	129485	Cable Power Male - Female 0,5m w/markig	Power Distribution Block Module Right - Main Video Display R
	129486	Cable Power Male - Female 0,8m w/markig	Power Distribution Block Module Right - Codec R
	129487	Cable Power Male - Female 0,6m w/markig	Power Distribution Block Module Right - DNAM R
	129612	Cable DVI-D - HDMI cable 1,0 m w/markig	Codec R - Main Video Display R

Note! Some cables come with a color coding. For these cables **blue** is system end and **red** is table end.

Where to put cable bundling kits 9–11

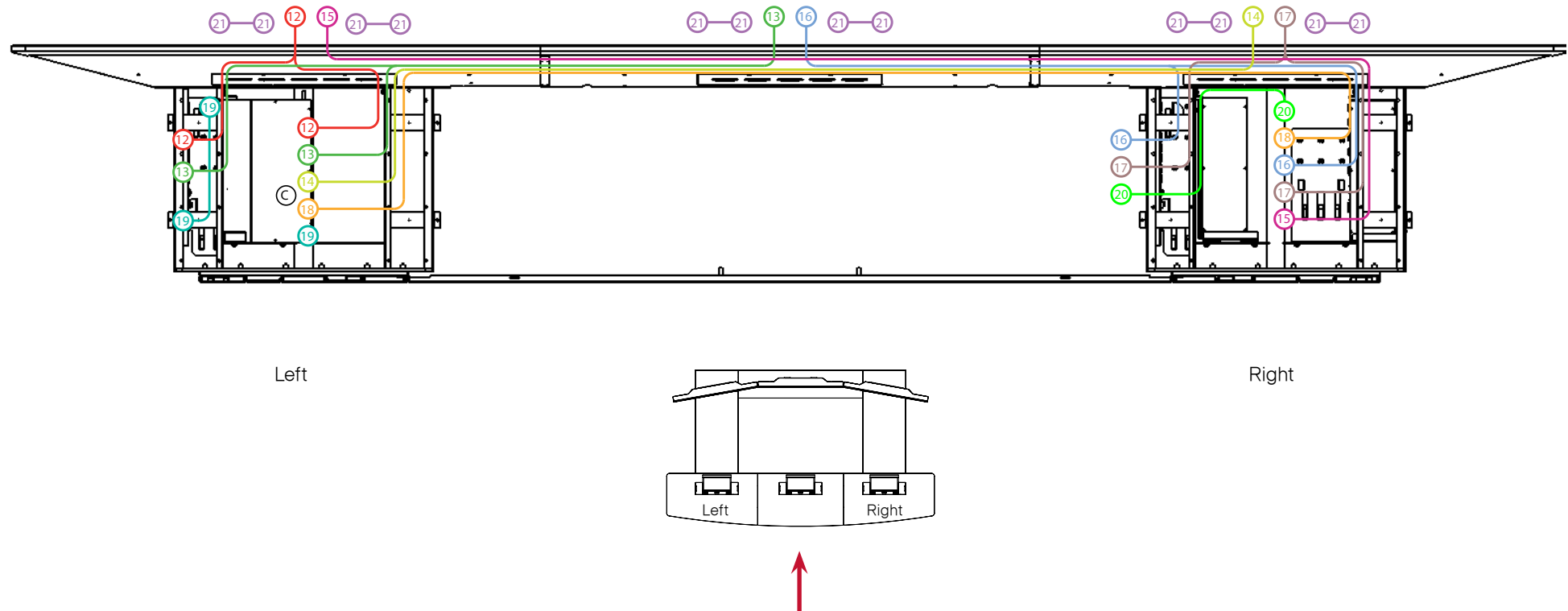


Details of cable bundling kits 9–11

Drawing reference	Art.no	Bundling description	From / to device
9	117806	Cable HDMI - HDMI 5,6 m w/ marking	Presentation Splitter Right - Touch Collaboration Display L
	117866	Cable 9p DSUB - 9p DSUB 2,45 m w/markings	Telepresence Control Unit - Main Video Display L
	117867	Cable 9p DSUB - 9p DSUB 3,9 m w/markings	Telepresence Control Unit - Main Video Display C
	117868	Cable 9p DSUB - 9p DSUB 5,45 m w/markings	Telepresence Control Unit - Main Video Display R
	129614	Cable 3,5 plug split RCA/RCA 4,0 m w/markings	Telepresence Control Unit - Codec C
	129618	Cable XLR - XLR 4,85 m w/markings	Mic L1 - Codec C
	129619	Cable XLR - XLR 4,8 m w/markings	Mic L2 - Codec C
10	117869	Cable 9p DSUB - 9p DSUB 2,6 m w/markings	Telepresence Control Unit - Codec L
	117870	Cable 9p DSUB - 9p DSUB 4,0 m w/markings	Telepresence Control Unit - Codec C
	117871	Cable 9p DSUB - 9p DSUB 5,75 m w/markings	Telepresence Control Unit - Codec R
	117876	Cable RJ45 - RJ45 2,7 m w/markings	Telepresence Control Unit - Codec L
	117877	Cable RJ45 - RJ45 4,15 m w/markings	Telepresence Control Unit - Codec C
	117878	Cable RJ45 - RJ45 5,75 m w/markings	Telepresence Control Unit - Codec R
11	117809	Cable HDMI - HDMI 5,0 m w/markings	Presentation Splitter Right - Touch Collaboration Display C
	117812	Cable HDMI - HDMI 3,5 m w/markings	Presentation Splitter Right - Touch Collaboration Display R
	117828	Cable XLR plug - XLR plug 4,2 m w/markings	Presentation Input Switch - Codec C
	117829	Cable XLR plug - XLR plug 4,2 m w/markings	Presentation Input Switch - Codec C
	129615	Cable DVI - DVI 4,2 m w/markings	Presentation Input Switch - Codec C
	129616	Cable XLR - XLR 6,1 m w/markings	Mic C1 - Codec C
	129617	Cable XLR - XLR 6,0 m w/markings	Mic C2 - Codec C
	129620	Cable XLR - XLR 4,85 m w/markings	Mic R1 - Codec C
	129621	Cable XLR - XLR 4,8 m w/markings	Mic R2 - Codec C

Note! Some cables come with a color coding. For these cables **blue** is system end and **red** is table end.

Where to put cable bundling kits 12–21



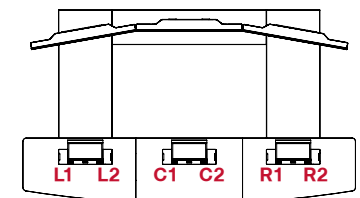
The table is shown as seen from the “chair-side” of the table (towards the system).

Details of cable bundling kits 12–16

Drawing reference	Art.no	Bundling description	From / to device
12	117807 117862 117881 117882 129627 129633	Cable USB A - USB B 1,1 m w/marking Cable 9p DSUB - 9p DSUB 1,0 m w/marking Cable RJ45 - RJ45 0,7 m w/marking Cable RJ45 - RJ45 0,5 m w/marking Cable Power Male - Female 0,75m w/marking Cable Power Male - Female 0,5m w/marking	Telepresence Control Unit - Touch Collaboration Display L Telepresence Control Unit - Touch Collaboration Display L Telepresence Control Unit - PC connectivity Feedthrough L1 Telepresence Control Unit - PC connectivity Feedthrough L2 Power Distribution Unit 1 - Power Outlet L2 Power Distribution Unit 1 - AC/DC for Touch Collaboration Display L
13	117810 117863 117883 117884 129628	Cable USB A - USB B 2,0 m w/marking Cable 9p DSUB - 9p DSUB 1,95 m w/marking Cable RJ45 - RJ45 1,7 m w/marking Cable RJ45 - RJ45 1,95 m w/marking Cable Power Male - Female 1,3m w/marking	Telepresence Control Unit - Touch Collaboration Display C Telepresence Control Unit - Touch Collaboration Display C Telepresence Control Unit - PC connectivity Feedthrough C1 Telepresence Control Unit - PC connectivity Feedthrough C2 Power Distribution Unit 1 - Power Outlet C1
14	117813 117864 117885 117886	Cable USB A - USB B 3,5m w/marking Cable 9p DSUB - 9p DSUB 3,35 m w/marking Cable RJ45 - RJ45 3,15 m w/marking Cable RJ45 - RJ45 3,45 m w/marking	Telepresence Control Unit - Touch Collaboration Display R Telepresence Control Unit - Touch Collaboration Display R Telepresence Control Unit - PC connectivity Feedthrough R1 Telepresence Control Unit - PC connectivity Feedthrough R2
15	117805 117814 117815 117820 117821	Cable HDMI - HDMI 3,9 m w/ marking Cable DVI - DVI 4,8m w/marking Cable DVI - DVI 4,6m w/marking Cable 3,5 plug - 3,5 plug 4,55 m w/marking Cable 3,5 plug - 3,5 plug 4,4 m w/marking	Touch Collaboration Display Splitter - Touch Collaboration Display L PC connectivity L1 - Presentation Input Switch PC connectivity L2 - Presentation Input Switch PC connectivity L1 - Presentation Input Switch PC connectivity L2 - Presentation Input Switch
16	117808 117816 117817 117822 117823 118567 129629	Cable HDMI - HDMI 2,20 m w/marking Cable DVI - DVI 3,35 m w/marking Cable DVI - DVI 3,1 m w/marking Cable 3,5 plug - 3,5 plug 3,05 m w/marking Cable 3,5 plug - 3,5 plug 2,9 m w/marking Cable Power Male - Female 0,5m w/marking Cable Power Male - Female 0,75m w/marking	Touch Collaboration Display Splitter - Touch Collaboration Display C PC connectivity C1 - Presentation Input Switch PC connectivity C2 - Presentation Input Switch PC connectivity C1 - Presentation Input Switch PC connectivity C2 - Presentation Input Switch Power Distribution Unit 2 - AC/DC for Touch Collaboration Display C Power Distribution Unit 2 - Power Outlet C2

Note! Some cables come with a color coding. For these cables **blue** is system end and **red** is table end.

Note! Cables meant to be dragged out from the cable wells by the users (PC connectivity cables) should be arranged so that the cable label stickers do not become visible to the T3 users.



Details of cable bundling kits 17–21

Drawing reference	Art.no	Bundling description	From / to device
17	117811 117818 117819 117824 117825 118570 129630	Cable HDMI - HDMI 0,8 m w/marking Cable DVI - DVI 1,9 m w/marking Cable DVI - DVI 1,6 m w/marking Cable 3,5 plug - 3,5 plug 1,55 m w/marking Cable 3,5 plug - 3,5 plug 1,35 m w/marking Cable Power Male - Female 0,5m w/marking Cable Power Male - Female 0,75m w/marking	Touch Collaboration Display Splitter - Touch Collaboration Display R PC connectivity R1 - Presentation Input Switch PC connectivity R2 - Presentation Input Switch PC connectivity R1 - Presentation Input Switch PC connectivity R2 - Presentation Input Switch Power Distribution Unit 2 - AC/DC for Touch Collaboration Display R Power Distribution Unit 2 - Power Outlet R2
18	117832 117872	Cable DVI-D - HDMI 3,65 m w/marking Cable 9p DSUB - 9p DSUB 3,6 m w/marking	Touch Collaboration Display Splitter - Cable 117857 Presentation Input Switch - Telepresence Control Unit
19	117873 129632	Cable RJ45 - RJ45 0,35 m w/marking Cable Power Male - Female 0,5m w/marking	Telepresence Control Unit - Telepresence Control Unit Power Distribution Unit 1 - Telepresence Control Unit
20	117893 117894	Cable Power Male - Female 0,8m w/marking Cable Power Male - Female 0,8m w/marking	Power Distribution Unit 2 - AC/DC for Presentation Input Switch Power Distribution Unit 2 - AC/DC for Touch Collaboration Display Splitter
21	118714 118714 118714 118714 118714 118714 118714	Cable RJ45 RJ45 0,8 m w/marking Cable RJ45 RJ45 0,8 m w/marking Cable RJ45 RJ45 0,8 m w/marking Cable RJ45 RJ45 0,8 m w/marking Cable RJ45 RJ45 0,8 m w/marking Cable RJ45 RJ45 0,8 m w/marking Cable RJ45 RJ45 0,8 m w/marking	PC Connectivity Feedthrough C1 - PC Connectivity C1 PC Connectivity Feedthrough C2 - PC Connectivity C2 PC Connectivity Feedthrough L1 - PC Connectivity L1 PC Connectivity Feedthrough L2 - PC Connectivity L2 PC Connectivity Feedthrough R1 - PC Connectivity R1 PC Connectivity Feedthrough R2 - PC Connectivity R2

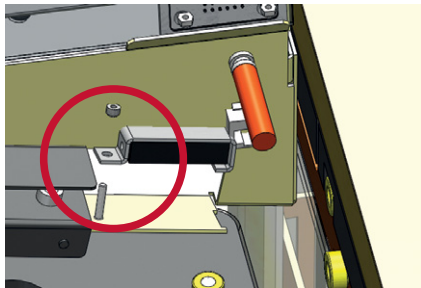
Note! Some cables come with a color coding. For these cables **blue** is system end and **red** is table end.

Tip! If you want to install an extra cable for DVD/BlueRay, this should be inserted through the rightmost well (R2). Connect the cable to Input 8 of the Switch. Use 720p max.

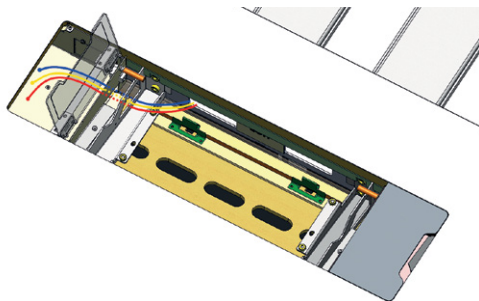
Presentation monitors and cable wells

Presentation monitor installation

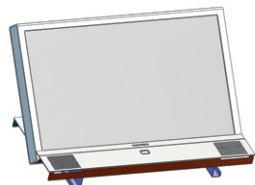
1. Loosen the cable clamp as shown below.



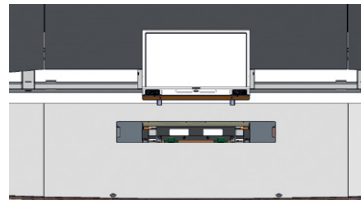
2. Insert the cables which are to reside in the cable wells as shown below. Pull them out as long as possible without making their labels visible to the users. Fasten the cable clamp that was loosened.



3. Unpack the Presentation Monitor assembly.

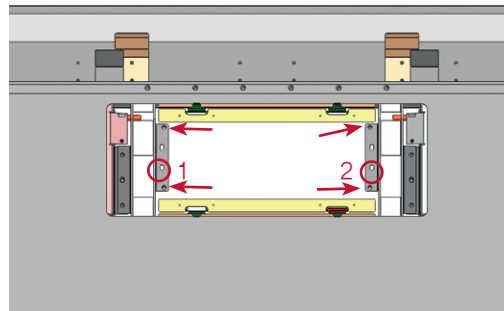


4. Position the assembly as shown, and lower the monitor.



5. Fig. below shows the well when viewed from underneath the table. Insert the M5×20 screws in pos 1 and 2 (marked with circles). Screw only finger tight.

Then use the four adjustment screws (marked with arrows) to level the monitor so that it becomes flush with the table surface, then tighten 1 and 2.

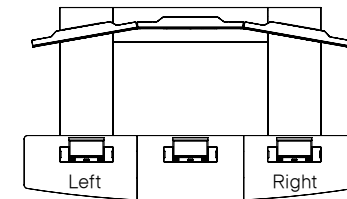


6. Repeat for the other two monitors.

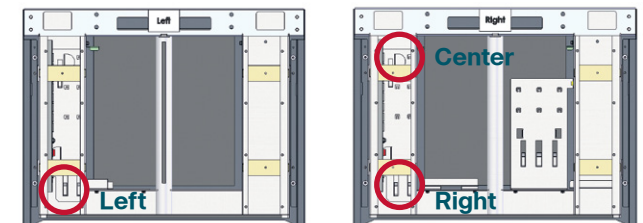
7. Connect all the cables in the table as shown in the separate Cable Schematics document.

Monitor power supplies

1. The power supplies for the Center and the Right Presentation Monitors shall both reside in the right table column—see below. Make sure the Center Presentation Monitor power supply is the upper of the two. Otherwise the cable will be too short.



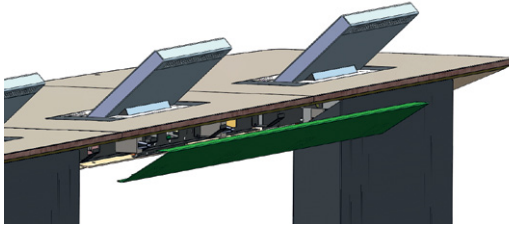
2. The left Presentation Monitor power supply shall reside in the left column—see below.



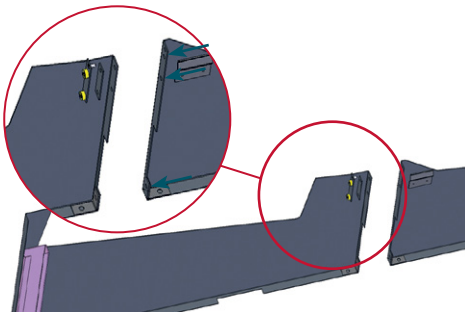
The power supplies for the presentation monitors shall reside in the table columns as shown.

Lids and cover plates

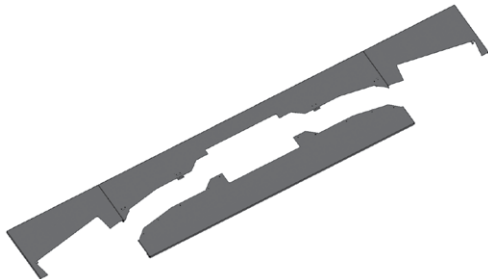
1. Insert the cover in the table top module, as shown.



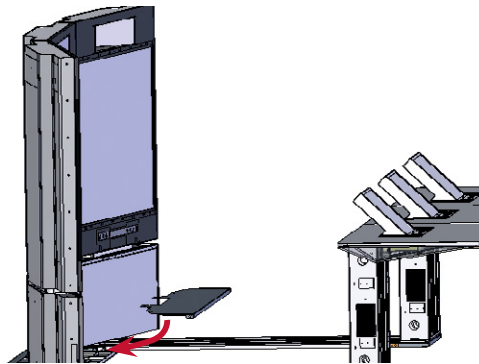
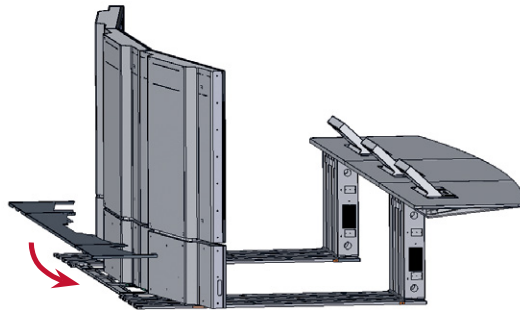
2. Remove the protective film along the edges on the center cover plate parts. Assemble both units as shown. Use 3 pcs. M6×10 screws and 1 pc. M6 nut for this, as well as Shimsplate cover-connection and the Joining plate with guide-pin cover-connection.



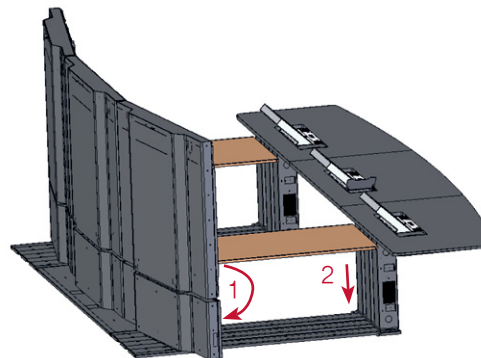
3. Before you insert the two plates that you now have, spend some time on figuring out how the two will join. This will make the process of inserting them correctly a lot easier.



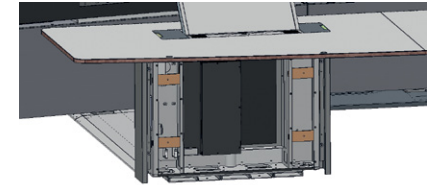
4. Insert the two center cover plate halves as shown.



5. Starting with the System end, insert cover plates, as shown, on top of the floor structure.



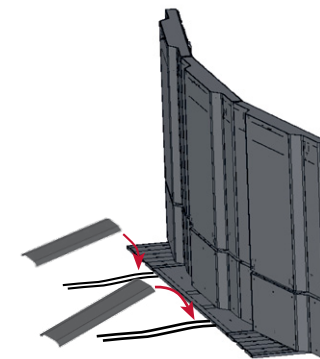
6. Snap the column covers into place and fasten with the screws that were removed when the covers were taken off.



7. Mount the door and lock the door. Keep the keys in a safe place. Observe that all locks use the same key.

Tip! When cleaning the table top use lukewarm water with a mild detergent. Wipe the table clean with the enclosed cloth found in the Accessories box. Use of other cloths is not recommended.

8. Put the Cable covers in place, as shown.



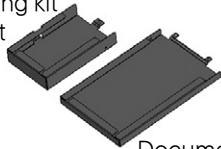
Optional pockets for cleaning kit and docs

You may want to install the optional Cleaning kit and Documentation pockets in the right bottom module. Use the screw and the nuts already in place, as shown below, to install.

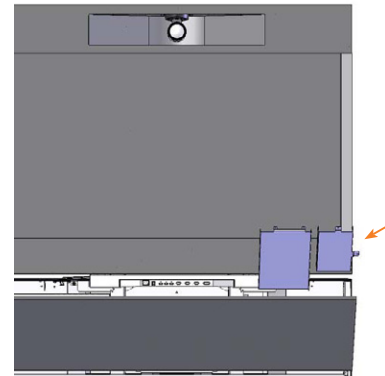
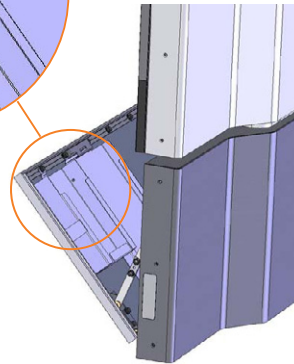
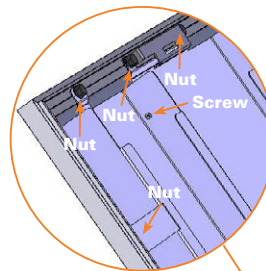
1 × M3×8 screw



Cleaning kit
pocket



Documentation
pocket



< End of document >



On our web site you will find an overview of the worldwide Cisco contacts.

Go to: <http://www.cisco.com/web/siteassets/contacts/index.html>

Corporate Headquarters
Ciso Systems, Inc.
170 West Tasman Dr.
San Jose, CA 95134 USA